

FORM PTO-1390  
REV. 5-93

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEYS DOCKET NUMBER

**P05,0366**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**10/562109**

INTERNATIONAL APPLICATION NO.  
**PCT SE04/000636**

INTERNATIONAL FILING DATE  
**April 26, 2004**

PRIORITY DATE CLAIMED

TITLE OF INVENTION: "DETECTION OF DIASTOLIC HEART FAILURE"

APPLICANT(S) FOR DO/EO/US SVEN-ERIK HEDBERG; ANDERS BJÖRLING; MARIA TORPO and KARIN LUNGSTRÖM

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **Executed**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; **(PTO 1449, Prior Art, Search Report).**
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☒ A substitute specification. **Marked up version of Substitute Specification**
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - a. ☒ **Submission of Drawings for Publication**
  - b. ☒ **Certified Copy of Priority Document**
  - c. ☒ **EXPRESS MAIL # EV361384789US Mailed December 22, 2005.**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

10/562109

INTERNATIONAL APPLICATION NO.

PCT SE04/000636

ATTORNEY'S DOCKET NUMBER

P05,0366

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**(Search Report has been prepared by the EPO or JPO) ..... \$900.00  
(Includes National Stage, Search, and Examination Fees)

CALCULATIONS

PTO USE ONLY

**ENTER APPROPRIATE BASIC FEE AMOUNT =****\$900.00**Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from  
the earliest claimed priority date (37 C.F.R. 1.492(e)).

Claims

Number Filed

Number  
Extra

Rate

Total Claims

22-20 =

0

X \$50.00

**\$100.00**

Independent Claims

3-3 =

0

X \$200.00

**\$00**

Multiple Dependent Claims

\$360.00 +

**TOTAL OF ABOVE CALCULATIONS =****\$1000.00**Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also  
be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)**SUBTOTAL =****\$1000.00**Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from  
the earliest claimed priority date (37 CFR 1.492(f)).**\$00****TOTAL NATIONAL FEE =****\$1000.00**Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property**SEE ATTACHED  
ENVELOPE****TOTAL FEES ENCLOSED =****\$1000.00**Amount to be  
refunded

charged

a. ☒ A check in the amount of **\$1000.00** to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A  
duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. **501519**. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must  
be filed and granted to restore the application to pending status.**SEND ALL CORRESPONDENCE TO:**Schiff Hardin LLP  
Patent Department  
6600 Sears Tower  
Chicago, Illinois 60606-6473  
Customer Number 26574

SIGNATURE

Steven H. Noll

NAME

28,982

Registration Number

## MAIL STOP PCT

IN THE UNITED STATES DESIGNATED OFFICE

OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

## UNDER THE PATENT COOPERATION TREATY-CHAPTER II

## 5

**APPLICANTS:**

Hedberg et al.

ATTORNEY DOCKET NO.

**P05,0366**

INTERNATIONAL APPLICATION NO: PCT/SE04/000636

INTERNATIONAL FILING DATE: April 26, 2004

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## MAIL STOP PCT

## Commissioner for Patents

**P.O. Box 1450**

Alexandria, Virginia 22313-1450

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Applicants herewith submit four sheets (Figs. 1-4) of drawings in a form suitable for publication purposes. Figure 1 embodies the changes that were made in Amendment "A" Prior to Action, filed simultaneously herewith.

Submitted by,

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Steven H. Noll

(Req. 28,982)

Schiff, Hardin LLP  
CUSTOMER NO. 26574

## Patent Department

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25

233 South Wacker Drive

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### Attorneys for Applicants.

10/562109

JC10 Rec'd PCT/PTO 22 DEC 2005

**CERTIFICATION OF MAILING**

"Express Mail" Mailing Label Number **EV361384789US**

Date of Deposit: December 22, 2005

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Commissioner for Patents, MAIL STOP PCT, P.O. Box 1450, Alexandria VA 22313-1450.

**Hedberg et al.**

Application entitled: **"DETECTION OF DIASTOLIC HEART FAILURE"**

Our Case No. P05,0366 (27009-0198)

Signature of person mailing application and fee

CH1\ 4024003.1

A handwritten signature, likely of the inventor Hedberg, is written over a horizontal line. The signature is in cursive and appears to be 'Hedberg'.